

CREB5 rabbit pAb

Catalog No :	YT7747
Reactivity :	Human;Mouse
Applications :	WB
Target :	CREB5
Fields :	>>cGMP-PKG signaling pathway;>>cAMP signaling pathway;>>PI3K-Akt signaling pathway;>>AMPK signaling pathway;>>Longevity regulating pathway;>>Adrenergic signaling in cardiomyocytes;>>TNF signaling pathway;>>Thermogenesis;>>Cholinergic synapse;>>Dopaminergic synapse;>>Insulin secretion;>>Estrogen signaling pathway;>>Thyroid hormone synthesis;>>Glucagon signaling pathway;>>Aldosterone synthesis and secretion;>>Relaxin signaling pathway;>>Cortisol synthesis and secretion;>>Parathyroid hormone synthesis, secretion and action;>>Insulin resistance;>>Cushing syndrome;>>Growth hormone synthesis, secretion and action;>>Vasopressin-regulated water reabsorption;>>Huntington disease;>>Prion disease;>>Cocaine addiction;>>Amphetamine addiction;>>Alcoholism;>>Hepatitis B;>>Human cytomegalovirus infection;>>Human papillomavirus infection;>>Human T-cell leukemia virus 1 infection;>>Viral carcinogenesis;>>Chemical carcinogenesis - receptor activation;>>Prostate cancer
Gene Name :	CREB5 CREBPA
Protein Name :	CREB5
Human Gene Id :	9586
Human Swiss Prot No :	Q02930
Mouse Gene Id :	231991
Mouse Swiss Prot No :	Q8K1L0
Immunogen :	Synthesized peptide derived from human CREB5 AA range: 415-465
Specificity :	This antibody detects endogenous levels of CREB5 at Human/Mouse

Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	56kD
Background :	The product of this gene belongs to the CRE (cAMP response element)-binding protein family. Members of this family contain zinc-finger and bZIP DNA-binding domains. The encoded protein specifically binds to CRE as a homodimer or a heterodimer with c-Jun or CRE-BP1, and functions as a CRE-dependent trans-activator. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008],
Function :	function:Binds to the cAMP response element and activates transcription.,similarity:Belongs to the bZIP family.,similarity:Contains 1 bZIP domain.,similarity:Contains 1 C2H2-type zinc finger.,subunit:Binds DNA as a homodimer or as a heterodimer with JUN or ATF2/CREBP1.,
Subcellular Location :	Nucleus .

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